

PATENT APPLICATION NO. 09/546,280
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AMENDMENTS TO THE SPECIFICATION

Please enter the following amendments to the specification, which are presented in accordance with revised 37 C.F.R. §1.121.

Please add the following paragraph after line 15 of page 7:

A1 ~~Fig. 8~~ Fig. 8 is a flowchart showing a process in accordance with one embodiment of the invention.

Please add the following paragraph after line 11 of page 13:

A2 ~~In~~ In further explanation, Fig. 8 is a flowchart showing a process in accordance with one embodiment of the invention. That is, Fig. 8 shows a method for providing protective control to a tapped line in a power system. The method of Fig. 8 starts in step 100 and passes to step 110. In step 110, the method includes measuring one or more local currents in a first protection element. The method then passes to step 120. In step 120, the method includes receiving, in the first protection element, one or more remote current measurements from a second protection element. Then, in step 130, the method includes calculating one or more differential currents based on the local and remote current measurements. After step 130, the method of Fig. 8 passes to step 140. In step 140, the method includes receiving one or more local voltages and the one or more local currents in at least one distance protection element. After step 140, the method passes to step 150. In step 150, the method includes determining, in the at least one distance protection element, an apparent impedance from the one or more local currents and voltages.